

MEDICINE

NEWS FROM THE DEPARTMENT OF MEDICINE

MATTERS

JULY 2021

 **UVA Health** | DEPARTMENT OF MEDICINE

MISSION

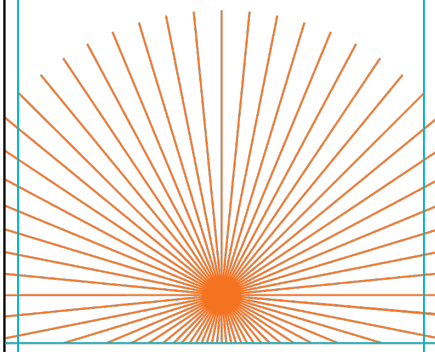
We are dedicated to preventing disease and treating illness, educating and inspiring future leaders in the field of internal medicine, and supporting innovative biomedical research.

VALUES

We strive for a sense of community, connection, and synergy among all faculty, staff, and trainees.

PLEDGE


We will conform to the highest ethical standards, uphold the values of our partner organizations, and give back to our community through public service.



DoM WEBSITE 

GRAND ROUNDS 

HIGHLIGHTED DIVISION . . . 

MINDFULLNESS MATTERS . . . 

GIVE TO DOM 

SUBSCRIBE 

MESSAGE FROM THE CHAIR



This month we celebrate the amazing achievements of our faculty and staff with the annual Department of Medicine Awards. I have the privilege of reading nomination letters that detail the daily dedication and excellence that all of you show for our missions. It is such a privilege to witness this and I feel fortunate to work with all of you. During this process, one other thing has been apparent to me; you have worked incredibly hard over the past year and endured circumstances unlike any that we have experienced in the past. You have approached challenges with grace, a “can-do” attitude, and a focus on ensuring that our patients come first. As we enter the summer, I would encourage all of you to take some time off, relax, and refresh. This is critically important given the past year. In the fall, we will embark on strategic planning with all of the excitement of what the future may bring. Until then, take a breather and reflect on your contributions and my deepest thanks for all that you do.

With best wishes,

Mitchell H. Rosner, MD, MACP
Henry B. Mulholland Professor of Medicine
Chair, Department of Medicine



UVA Health

DOM FINANCIAL UPDATE

Department of Medicine Summary of Consolidated Financials FY21 as of May 31, 2021

	Budget YTD	Actual YTD	\$ Variance YTD
Work RVUs	864,508	853,440	(11,068)
Clinical Receipts (NPSR)	57,723,058	57,661,592	(61,466)
Total Revenues	167,776,050	166,284,928	(1,491,122)
Total Expenditures	170,192,310	166,382,527	3,809,784
Net Income	(2,416,260)	(97,598)	2,318,662

Summary Explanation of Variance:

For the fiscal year through May 31, 2021 DOM posted a consolidated net loss of \$98K and a favorable variance to YTD net income budget of \$2.3M. Clinical revenues underperformed budget by \$1.6M due to financial mitigations (Indigent Care), less Medical Center support (MOU) and missing payments from Outreach Programs. Personnel and Non-personnel expenditures outperformed budget driven by the impact of financial mitigation efforts offsetting the required \$1.6M FY20 clinical deficit support recorded in FY21. Total revenues include \$366K Endowment revenue received for June.



THE DEPARTMENT OF MEDICINE
**CONGRATULATES
UVA CHILDREN'S
HOSPITAL**

**Ranked #1 in
Virginia**

New Studies

A Phase I Multiple Dose Study to Evaluate the Safety and Tolerability of XmAb®20717 in Subjects with Selected Advanced Solid Tumors

(DUET-2)

IRB # 20883

CT. Gov. ID: NCT03517488

Sponsor Protocol XmAb20717-01 Sponsor: Xencor, Inc.

Principal Investigator: Reilley, Matthew Study Contact:

Sallie Mannen sbm8qz@virginia.edu 434-297-5724

**Visit the UVA Internal Medicine
Instagram Page**



**Check out UVA Pulmonary's
New Twitter account!**

DOM UPDATES & NOTES



William Petri, MD



Gregory Madden, MD



Francine Garrett-Bakelman, MD, PhD



Aditya Sharma, MBBS



Patrick Northup, MD



Laahn Foster, MD



Jeanne Kamal, MD



Laurie Archbald-Pannone, MD, MPH

Awards and Achievements

Congratulations to **Dr. William Petri** who received a *Thomas Jefferson Award for Excellence in Scholarship*. Dr. Petri serves as Division Chief of Infectious Diseases and is lauded for helping UVA navigate the COVID-19 pandemic, treat patients, vaccine development, mentoring colleagues, and educating the public. He is also recognized as one of the world's premier infectious diseases researchers as well as a consummate physician-scientist, training program director, and institutional leader. [Learn more.](#)

Congratulations to **Dr. Gregory Madden** assistant professor in the UVA School of Medicine's Division of Infectious Diseases and International Health, who will analyze immune profiles and *Clostridioides difficile* infection outcomes. Madden is mentored by Dr. William Petri. [Learn more.](#)

Congratulations to **Dr. Francine Garrett-Bakelman** who was named by the *Pew Charitable Trusts and the Alexander and Margaret Stewart Trust* to its 2021 class of the *Pew-Stewart Scholars Program for Cancer Research*. The highly competitive program awards scholars a four-year grant to advance cutting-edge research into the development, diagnosis, and treatment of cancer. The program will fund Garrett-Bakelman's research, which is designed to determine the role of the CEBPD protein on disease relapse in patients with acute myeloid leukemia—research that has the potential to significantly influence the treatment of this disease. [Learn more.](#)

Congratulations to **Dr. Aditya Sharma** who was named by the [Society of Vascular Medicine](#) to its panel of Associate Editors. Sharma has been instrumental in developing the journal's CME program and its Core Curriculum in Vascular Medicine sections. Dr. Sharma is a Associate Professor of Medicine and Director of the Vascular Medicine Fellowship Program.

Congratulations to **Dr. Patrick Northup** on his promotion to Professor of Medicine.

Congratulations to **Dr. Laahn Foster** on her promotion to Associate Professor of Medicine.

Congratulations to **Dr. Jeanne Kamal** on winning the Young Investigator Award at the American Transplant Congress (ATC) 2021 Virtual Connect June 4 – June 9, 2021 for her presentation on Comparison Of Outcomes Of Hepatitis C Virus (hcv) Nucleic Acid (nat) Positive Donor Between Hcv-naïve and Hcv + Recipients – A Donor Mate Analysis.

Congratulations to **Dr. Laurie Archbald-Pannone** who has been appointed the new assistant college dean for student affairs for Dunlison College effective July 1, 2021. Dr. Archbald-Pannone is an Associate Professor of Medicine in the Geriatrics Section and serves as the director of engagement for the Office of Admissions. She is an accomplished educator and has received great recognition for her teaching excellence.

DOM UPDATES & NOTES

2021 Department of Medicine Excellence Awards

Each spring, the UVA Department of Medicine recognizes outstanding contributions from Department of Medicine faculty and staff members with awards in a variety of categories. Congratulations to all of this year's winners!

Excellence in Clinical Care



Nicholas Paphitis, MD



Margaret Crook, MD



Hannah Mannem, MD



Justin Mutter, MD



Adam Campbell, MD



Mohamed Morsy, MD



Monica Lawrence, MD



David Callender, MD



Katie Jaffe, MD



Meaghan Stumpf, MD



Jeanetta Frye, MD



Andrew Copland, MD



Charles Magee, MD

Excellence in Research



Firas El Chaer, MD



Rahul Sharma, PhD



Shannon Moonah, MD, ScM



Heather Ferris, MD, PhD



John Kim, MD

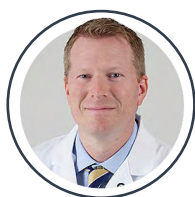


Judith Woodfolk, PhD



Jamieson Bourque, MD MHS

Excellence in Mentorship



Richard Hall, MD



Julia Scialla, MD



Josh Barclay, MD



Paul Helgersen, MD

DOM UPDATES & NOTES

2021 Department of Medicine Excellence Awards

Excellence in Teaching



Hillary Maitland, MD



Joshua Eby, MD



Rahul Mehta, MD



Susan Kirk, MD



Cathy Bonham, MD



Aditya Sharma, MBBS



Alex Millard, MD



Mami Taniuchi, PhD



George Hoke, MD



Corey Cavanaugh, MD

Outstanding Staff Contributor



Jennifer Taylor



Nichole Keller



Patricia Dabney



Shaun Wickline



Igor Shumilin, PhD

Excellence in Administration



Everlyne Sawyer



Nadine Knight



Katherine Krahn

Staff Excellence



Medical Education Administrative Team

Women in Medicine Excellence Award



Lien Dame, MD

2021 Department of Medicine Educational Update

Message from Brian Uthlaut, MD, Residency Program Director



Brian Uthlaut, MD

The COVID-19 pandemic and all of its sundry impacts dominated so much of our consciousness and effort in the 20-21 academic year. But despite the pressures and demands of this year, we have had enormous success in our education missions over the last year. Through the commitment of our residents, chief residents, and faculty, the Department of Medicine never missed a beat educationally and was able to continue to innovate new curricula and navigate major changes while being at the clinical forefront of managing the surges of the COVID-19 pandemic. There is much to be proud of and celebrate in the accomplishments of our mentees and the work of the department in this vital mission!

The Department of Medicine won the *Mulholland Department Teaching Award* for the sixth straight year from our medical students, the first time any department has done so! This is an amazing recognition of the consistency of our department in its commitment to engaging students in the teaching of clinical medicine.

The Department of Medicine celebrated *Carey Marshall Thorner Scholars' Day* in early May. For the second straight year, we held a virtual poster presentation that more than 50 trainees participated in. We held an outstanding oral presentation competition as well that can be viewed [here](#). (Passcode: FM6h2Q+4)

Virtual poster presentations can be viewed through the links on pages 13 through 17.

PUBLICATION AWARDS

Pan JA, Kerwin MJ, and Salerno M. "Native T1 Mapping, Extracellular Volume Mapping, and Late Gadolinium Enhancement in Cardiac Amyloidosis: A Meta-analysis." *JACC Cardiovasc Imaging*. 2020 Jun;13(6):1299-1310
Jonathan Pan, PGY3 resident

Muehling L, Agrawal R, Wright P, Carper H, Murphy D, Workman L, Word C, Eccles J, Ratcliffe S, Capaldo B, Turner R, Platts-Mills T, Heymann P, Kwok W, Woodfolk J. *Human Th1 and Th2 cells targeting rhinovirus and allergen coordinately promote allergic asthma*, *J Allergy Clin Immunol*. 2020; 146: 555-570
Lyndsey Muehling Allergy/Immunology

Tanaka, S., A. Chikara, S.B.G. Abbott, S.Zheng, Y.Yamaoka, J.E. Lipsey, N.I. Skrypnyk, J.Yao, T. Inoue, W.T. Nash, D.S. Stornetta, D.L. Rosin, R.L. Stornetta, P.G. Guyenet, M. D. Okusa. Vagus nerve stimulation activates two distinct neuro-immune circuits converging in the spleen to protect mice from kidney injury. *Proc Natl Acad Sci U S A*, Mar 23; 118(12):e2021758118, 2021
Shinji Tanaka Nephrology

Shyr Te Ju Award

Rajkumar Venkatadri "Targeting Interferon Stimulatory DNA (ISD) Pathways and Bcl6 Transcription Factor Rescues TREX1 D18N Animals from Autoimmunity"

ORAL PRESENTATION AWARD

Most Outstanding

Lyndsey Muehling "Failure of Adaptive Immunity to the Common Cold to Protect from Re-infection with Either the Same or a Different Viral Strain in a Human Sequential Infection Model"

DOM UPDATES & NOTES

2021 Department of Medicine Educational Update

Message from Brian Uthlaut, MD, Residency Program Director (*continued*)

ORAL PRESENTATION AWARD (*continued*)

Outstanding

Christopher Hanson “*Long-term Outcomes in Patients with Normal Coronary Arteries, Non-obstructive or Obstructive Coronary Artery Disease on Invasive Coronary Angiography*”

Rebecca Corey “*Optimization of Vascular Access to Reduce Catheter-Associated Deep Vein Thrombosis*”

POSTER AWARDS

Betz, Yaqub MD, *Creatine Chemical Exchange Transfer MRI to Evaluate Calf Muscle Energetics in Peripheral Arterial Disease*

Cutts, Jamey MD, *Systemic Pulsatility Indexed to Central venous Pressure is associated with Adverse Clinical Outcomes in Advanced Heart Failure*

Donlan, Allie PhD, student *IL-13 is a driver of COVID-19 severity*

Perez, Irene MD, *Early Recurrence of Colonic Polyps Reduced with Thermal Ablation of Endoscopic Mucosal Resection Margins: A Non-Randomized Retrospective Study*

Robinson, Evan MD, *Characterizing Use of Follow-Up Blood Cultures (FUBC) in the Management of Gram- Negative Bacilli (GNB) Bloodstream Infections (BSIs)*

Tanaka, Shinji MD, PhD, *Optogenetic stimulation of the vagus nerve identifies distinct pathways that mediate kidney protection from ischemia-reperfusion injury*

Thanks to **Drs. Rosner** and **Petri** and all of the project mentors in the Department for their support of our residents and fellows in their scholarly projects this year; to **Sthuthi David** and **Tony Brinkman** for their work in orchestrating the submissions, judging and presentations; and to our judging crew including:

ORAL:

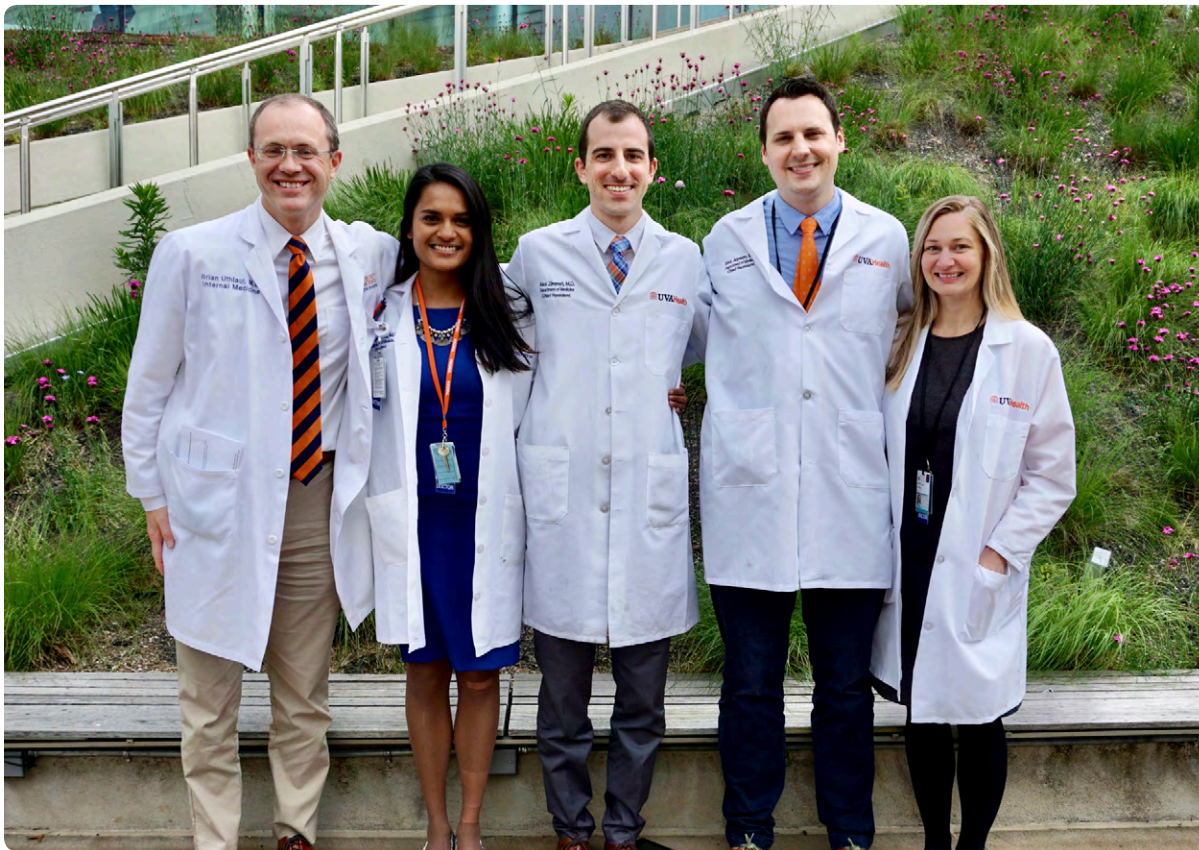
Allergy – Judith Woodfolk
Cardiology –Matt Wolf
Endocrinology – Gene Barrett
General Medicine –Andy Wolf
GI – Brian Behm
Heme/onc – Francine Garrett-Bakelman
Infectious Diseases –Cirle Warren
Nephrology – Julia Scialla
Pulmonology –Jeff Sturek
Rheumatology – Don Kimpel

POSTER AND ABSTRACTS:

Andrew Barros, Pulmonology
Jamie Bourque, Cardiology
Stacey Burgess, Infectious Diseases
Heather Ferris, Endocrinology
Tabor Flickinger, General Medicine
Shri Gadrey, General Medicine
Carol Gilchrist, Infectious Diseases
Ben Horton, Infectious Diseases
Greg Madden, Infectious Diseases
Chris McCartney, Endocrinology
Glenn Moulder, General Medicine
Andrew Parsons, General Medicine
Steven Philips, Cardiology
Jeff Sturek, Pulmonology
Sthuthi David, Chief Resident
Drew Harris, Pulmonology
Scott Heysell, Infectious Diseases
Alex Kadl, Pulmonology
Allison Lyons, General Medicine
Alex Zimmet, Chief Resident

DOM UPDATES & NOTES

2021 Department of Medicine Educational Update



Outgoing Chief Residents from the 2020 - 2021 Academic Year
From left: Brian Uthlaut, Sthuthi David, Alex Zimmet, Alex Jepsen, and Rebecca Haug

In late May, our outgoing **Chief Residents, Drs. Rebecca Haug, Sthuthi David, Alex Jepsen and Alex Zimmet** delivered an outstanding Chiefs' Grand Rounds summarizing a year in the life of the residency program, running the gamut of the tremendous work done by our housestaff during the pandemic to a variety of new curricula implemented this year.

At this Chief Resident Grand Rounds, a number of awards were handed out or announced including:

Mulholland Teaching Awards (nominated by student):

Marten Hawkins, PGY2; Merry Ellen Barnett, PGY3; Rebecca Clemo, PGY3

Brodie Resident Clinician Award (nominated by faculty, peers): **Rebecca Clemo, PGY3**

Resident-Voted Awards:

Dunn Award: **James Topilow, PGY3**

Leadership in Service and Advocacy: **Maria Geba, PGY3**

Intern Professionalism Award: **Joe Mort, PGY1**

Inpatient Attending of the Year: **Alex Kadl, MICU**

Outpatient Attending of the Year: **Andy Wolf, UMA**

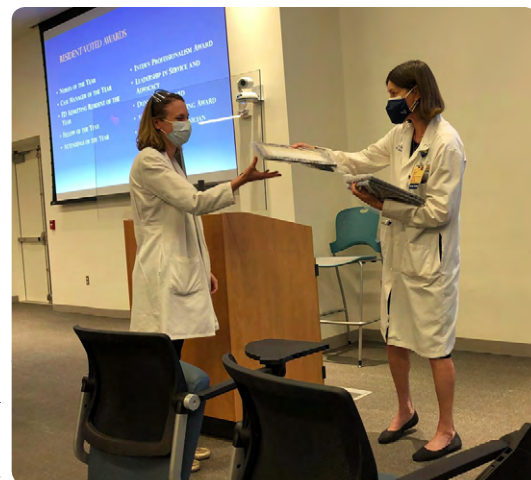
Fellow of the Year: **Claire DeBolt, MICU**

If you missed this grand rounds, you should be able to view it [HERE](#).

Additionally, over the spring, a number of our other residents were honored in other settings for some outstanding awards:

SOM Gold Humanism and Teaching Excellence Award - **Reed Davis and Jimmy Topilow**

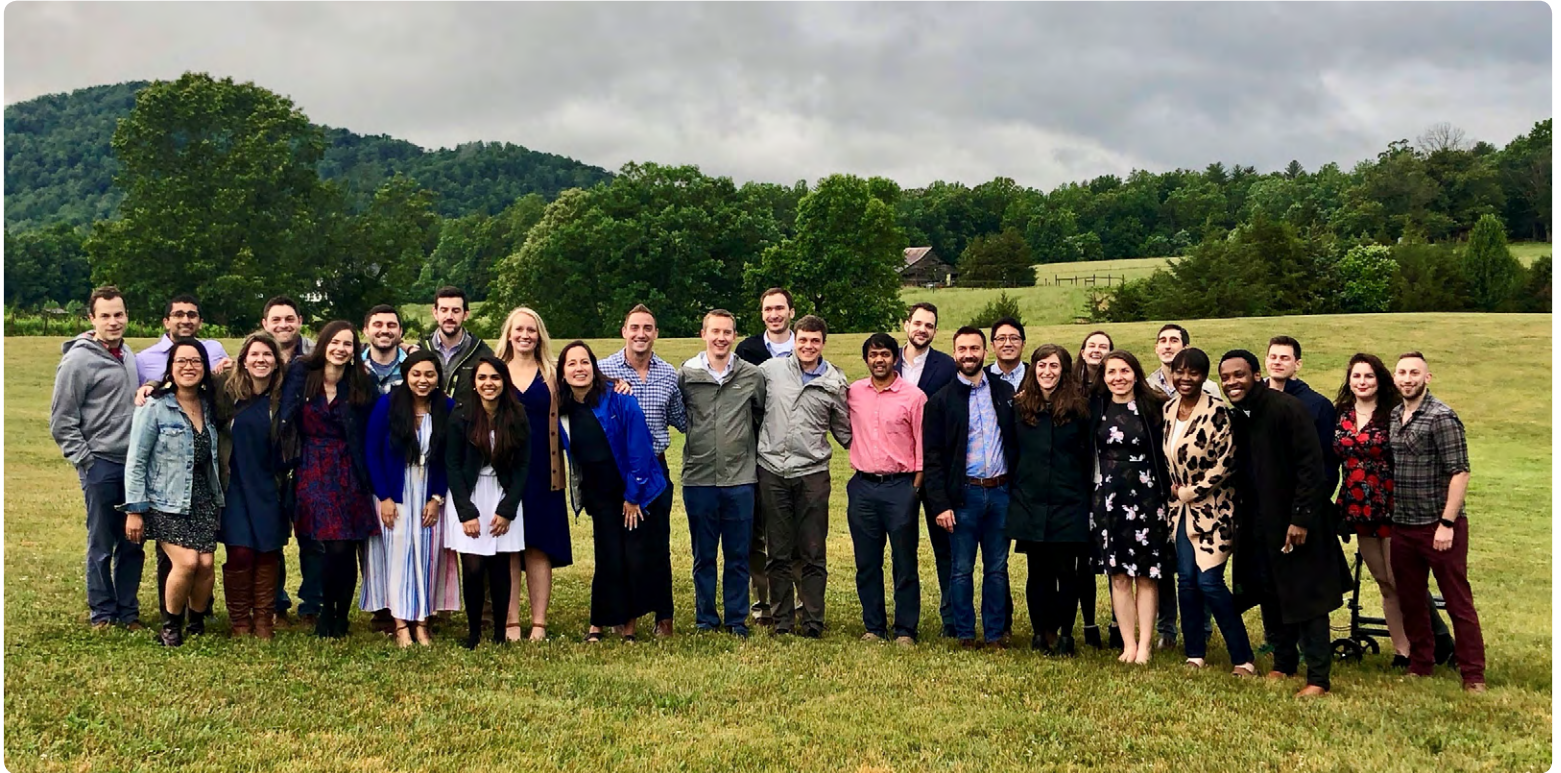
Alpha Omega Alpha induction - **Sthuthi David, Izzy Budnick, Sarah Wood, Maria Geba, and Jimmy Topilow**



Dr. Rebecca Clemo (left) receives the Mulholland Award from Dr. Susan Kirk

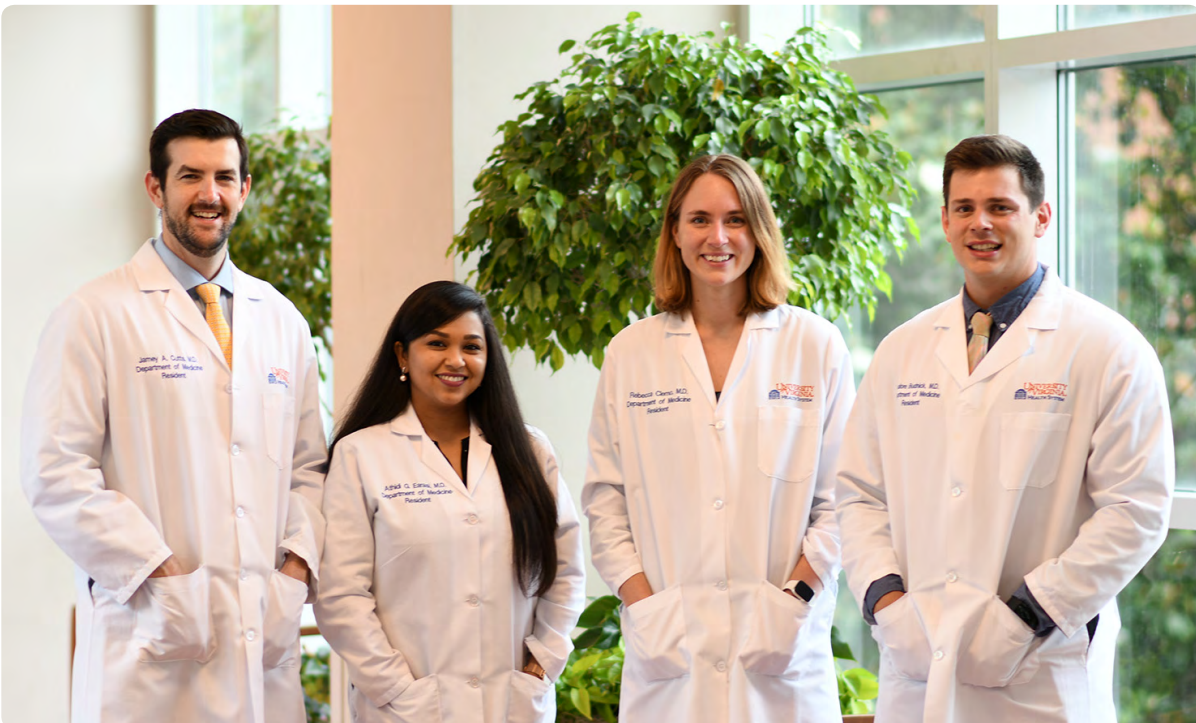
2021 Department of Medicine Educational Update

As restrictions have begun to lift, we were able to celebrate our PGY3 class in late May at Hark Vineyards. This class has provided tremendous clinical, educational and research contributions to the department and are off to outstanding fellowship positions and jobs in July!



Departing housestaff during the May 29th celebration at Hark Vineyard

The department is fortunate to have a amazing group of new chief residents taking the baton from our outgoing group. Welcome to **Drs. Izzy Budnick, Rebecca Clemo, Jamey Cutts and Athidi Earasi!**



Incoming Chief Residents for the 2021 - 2022 Academic Year
From left: Jamey Cutts, Athidi Earasi, Rebecca Clemo, and Izzy Budnick

DOM UPDATES & NOTES

2021 Department of Medicine Educational Update

July has arrived in a hurry! We have 36 interns arriving from all over the country ready to hit the ground running. Please extend them a special welcome as they arrive... especially since, for many of them, they chose our program over a virtual medium!

2021-2022 Medicine PGY1 (Interns) CATEGORICAL



Abdulaziz Almulhim
Univ. of Dammam



Akua Boadu
Drexel



Caroline Chessare
EVMS



Marcus Ellison
MUSC



Tyler Foley
Univ. of Iowa



Benjamin Fuller
Univ. of Colorado



Calvin Geng
U. Texas Southwestern



Elliott Goldberg
Penn State



Anuragh Gudur
Drexel



Katirina Guinto
Ohio State



Clare Humphrey
Univ. of Kansas



Kendra Jobe
Univ. of Pittsburgh



Varun Kavuru
Virginia Tech Carilion



Joanna Lee
Univ. of Maryland



Emily Minor
West Virginia U.



Emily Mitchell
Michigan State



Charles Morris
Case Western



Brendan Mullen
Northwestern



Joan Ngwuta
Howard



Pooja Patil
Wake Forest



Shivani Hanchate
Univ. of Florida



Shaina Hasan
Mayo Clinic Arizona



Kiarash Salafian
Wake Forest



Matthew Schliep
Univ. of Maryland



Alexandra Schwab
MUSC



Daniel Patterson
Univ. of Mississippi



Adam Purvis
Georgetown



Emma Trachman
VCU



Danh Tran
MUSC



John Wisener
Rutgers

PRELIMINARY



Kelly McCoy
VCU



Marta Turowski
Univ. of Illinois



Lauren Yi
UVA

PRIMARY CARE



Thompson Barr
MUSC



Aislinn Camoney
Thomas Jefferson



Griffin Sonaty
Univ. of Arkansas

NEUROLOGY



Suzahn Ebert
Wake Forest



Emily Fisher
Univ. of Texas -- Houston



Daniela Fishbein
Thomas Jefferson



Benjamin Meyers
Thomas Jefferson



Kalina Misiolek
Indiana U



Naseem Zomorodi
Penn State

Thanks to all in the department for an outstanding year in education! Here's to another!

~ Brian Uthlaut, MD, Residency Program Director

2021 Department of Medicine Educational Update

Internal Medicine Clerkship for Third-Year Medical Students

It has been a busy year in UME with several transitions in addition to the added complications of the pandemic. Starting in March 2021, a quarter of the SMD23 medical school class began their clerkship year at our newly opened UVA Inova campus in Fairfax, Virginia. For the UVA Medicine Clerkship team here at Charlottesville campus and the Inova team of **Dr. Homan Wai** and **Dr. Gigi Gaudiano**, this represented the completion of over 12 months of coordination to ensure a smooth transition for the students. As a result of the use of remote learning over the past year, students at both UVA campus sites can participate in workshops and didactics led by faculty at both the Charlottesville campus and Inova campus, allowing a strong cohesion of each group.

The Medicine Clerkship additionally incorporates the following components of teaching, several of which are entirely new or updated as of this year, including:

- New: Threads in Quality Improvement/Patient Safety and High-Value Care led by **Dr. Amber Inofuentes** and **Dr. Andrew Parsons**
- New: Weekly didactic sessions by our faculty and residents (with special thanks to **Drs. Jennifer Kirby, Kambiz Kalantari, Homan Wai, James Alsobrooks, Marten Hawkins, Laura Martin**, and **Sami Ibrahim** as our speakers)
- New: Palliative Care sessions led by **Dr. Josh Barclay** and colleagues
- New: Evidence-Based Medicine Workshop led by **Dr. Homan Wai**
- New: Oral Presentations by students on a clinical question encountered for a patient they are following - presentations are assessed and graded with written feedback by a core group of faculty volunteers: **Glenn Moulder, Alex Millard, Molly Hughes, Greg Young, Jessica Dreicer, Rebecca Kenner, Amanda Renaghan, Sam Hundert, Alex Lawson, Ben Martin, David Fink**, and **Andrew Parsons**
- Updated around pandemic: Clinical Skills Education Program bedside teaching led by **Dr. Gerald Donowitz** and **Glenn Moulder** with **Alex Millard, Ben Martin, Kathy Coffey-Vega, Alex Lawson, Rebecca Kenner, Andrew Parsons**, and **Emily Richardson**
- Updated for Zoom: Heart Sounds workshop led by **Dr. Simon Lehtinen**
- Ethics Thread sessions led by **Dr. Donna Chen** and **Dr. Lois Shepherd**
- Medicine shelf prep review sessions led by **Dr. Alex Millard**
- Student Morning Report sessions led by **Drs. Molly Hughes, Alex Millard**, and **Glenn Moulder**, along with Medicine residents

Additionally, **Dr. Greg Young** from the Hospitalist Group has co-lead the development of a new intersession week provided three times yearly, providing third-year clerkship students with intensive workshops and didactics in Clinical Reasoning, Physical Exam Skills, Communication and Transitions of Care.

Finally, the clerkship team of **Molly Hughes, Glenn Moulder, Alex Millard**, and **Karen Ward** are very thankful to all the interns, residents, fellows, and faculty who have continued to provide an unmatched clinical educational experience for the students resulting in the sixth straight year of the *Mulholland Departmental Teaching Award*, despite all the stresses that came with shouldering a large share of the care of patients with COVID in our hospital over the past year.

Anyone interested in getting involved in the Medicine Clerkship student educational activities is encouraged to contact us.

Thank you to everyone for all that you do to educate our trainees!

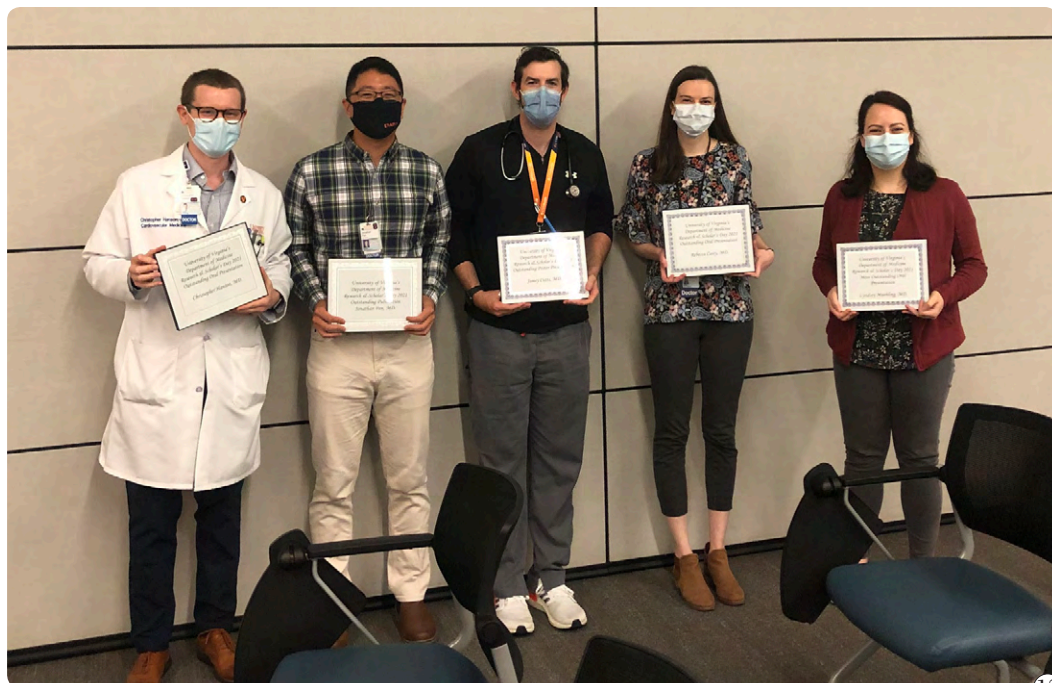
For the
6th year in a row, the
DEPARTMENT OF MEDICINE
has once again been honored by the
MS4 students with the
MULHOLLAND DEPARTMENTAL
TEACHING AWARD!
Congratulations Everyone!

2021 Department of Medicine Educational Update

Carey Marshall Thorner Scholar's Day 2021

Named for three eminent physician-scientists from UVA's Department of Medicine — Robert Carey, John Marshall, and Michael Thorner— the annual Carey-Marshall-Thorner Research and Scholars Day provide an occasion to learn about the research that our residents and fellows are conducting as a vital part of their educational experience. [Learn more.](#)

Drs. Christopher Hansen,
Jonathan Pan,
Jamey Cutts,
Rebecca Corey,
and Lyndsey Muehling
with their awards at
Scholar's Day 2021



DOM UPDATES & NOTES

2021 Department of Medicine Educational Update Carey Marshall Thorner Scholar's Day Poster Presentations

Virtual Poster Presentations

(The name of the primary author is **bolded**)

Allergy, Asthma & Immunology

The α -Gal syndrome presenting with isolated gastrointestinal symptoms

Thomas Makin, Anna Smith, Thomas A. E. Platts-Mills, Jeffrey M. Wilson; University of Virginia, Charlottesville, VA

Cardiovascular Medicine

Diagnostic Accuracy of Spiral Whole-Heart Quantitative Adenosine Stress Cardiovascular Magnetic Resonance with Motion Compensated L1-SPIRIT

Jonathan A. Pan MD, Austin A. Robinson MD, Yang Yang PhD, Patricia Rodriguez Lozano MD, Stephen McHugh MD, Eric M. Holland MD, Craig H. Meyer PhD, Angela M. Taylor MD, Christopher M. Kramer MD, Michael Salerno MD, PhD; University of Virginia, Charlottesville, VA

An Exercise Induced Hyperemia ASL and CrCEST combined protocol at 3T in the Study of Metabolic and Perfusion Changes Post Revascularization in Peripheral Arterial Disease

Toral R Patell, MD; MD; Helen L Sporkin², BS; Yaqub Betz, MD¹; Craig H Meyer^{2,3}, PhD; Christopher M Kramer^{1,3}, MD Departments of Medicine (Cardiology)¹, Biomedical Engineering², and Radiology and Medical Imaging³ University of Virginia, Charlottesville, VA, USA

Single cell profiling identifies atheroprotective IgMMDA-LDL-producing human B cells and a novel role for CD24

Tanyaporn Pattarabanjirda,b,c, Anh Tram Nguyen^b, Chantel McSkimming^a, Huy Dinhe, Melissa A. Marshall^a, Yanal Ghoshehe, Rishab Gulatie, Christopher Durante, Jenifer Vallejo^e, Ryosuke Saigusae, Fabrizio Drago^a, Angela M. Taylor^{b,d}, Sotirios Tsimikase, Yury Millere, Klaus Ley^f, Catherine Hedrick^f, Coleen A. McNamara^{a,b,d,*}

Comparison of metabolic determinants of coronary microvascular disease in a cardiac PET cohort.

Joseph Van Galen, Sarah Ratcliffe, Jamieson Bourque

Routine Carotid Ultrasound Prior to Trans catheter Aortic Valve Replacement Does Not Predict Peri-Procedural Stroke

Anna van Venrooy, Michael Ragosta, D Scott Lim, Kenan Yount, Angela M Taylor

Gastroenterology & Hepatology

Positive attitudes towards telehealth during the Covid19 pandemic: a strong sign for continued use in the IBD population

Brunette C, Figueroa E; University of Virginia, Charlottesville, VA
Irene C Perez, Daniel Strand, Andrew Copland

Clostridioides difficile Infection Trends in a Health System during COVID-19 Pandemic

Nisa Desai

Early Recurrence of Colonic Polyps Reduced with Thermal Ablation of Endoscopic Mucosal Resection Margins: A non-randomized Retrospective Study

Irene C Perez, Daniel Strand, Andrew Copland

DOM UPDATES & NOTES

Carey Marshall Thorner Scholar's Day Poster Presentations (*continued*)

Virtual Poster Presentations

(The name of the primary author is **bolded**)

Gastroenterology & Hepatology (*continued*)

A Simple Quality Initiative Significantly Improves Post-Procedural Documentation of an Anticoagulation Plan After Elective Endoscopy

Benjamin S. Robey, Katya Swarts, Rohan M. Modi, Mark J. Radlinski, Javelle A. Wynter, James M. Scheiman, Andrew P. Copland

Timing and Role of Paracentesis in the Management of Spontaneous Bacterial Peritonitis

Mohammed Shwetar, Brian Wentworth, Neeral Shah; University of Virginia, Charlottesville, VA

General Medicine

Timing of PERT Activation and Outcomes in Acute Pulmonary Embolism

Barnett ME, Sharma A; University of Virginia, Charlottesville VA

Creatine Chemical Exchange Transfer MRI to Evaluate Calf Muscle Energetics in Peripheral Arterial Disease

Yaqub M Betz, MD; Toral Patel, MD; MS; Helen L Sporkin, BS; Craig Meyer PhD, Christopher M Kramer, MD

Increased Left and Right Atrial Volume Indices are Associated with Decreased Survival Times post-Cardiac Arrest

Olivia Blazek

Transfusion with Cryoprecipitate for Very Low Fibrinogen Levels Does Not Affect Bleeding or Survival in Critically Ill Cirrhosis Patients

Isadore M. Budnick, Jessica P.E. Davis, Anirudh Sundararaghavan, Samuel B. Konkol, Chelsea E. Lau, James P. Alsobrooks, Matthew J. Stotts, Nicolas M. Intagliata, Ton Lisman, Patrick G. Northup

Facilitating the Flow: Improving overnight RN to daytime MD communication

Clemo R, Miller B, Braun E, Freemire K, Greene K.

Systemic Pulsatility Indexed to Central venous Pressure is associated with Adverse Clinical Outcomes in Advanced Heart Failure

Cutts, J, Bilchick K, Miller M, Aktan I, Stafford P, Abeya F, Kwon Y, Mehta N, Nuotong S, David S, Breathett K, Mubanga M, Mwansa H, Mazimba S

Impact of Physician Identification Cards on Patient Enrollment in Discharge Programs: Improving Trust through Simple Interventions

Dooley MM, Chisholm J, Henderson A, Hall J.

Using Continuous Glucose Monitoring to Improve Hemoglobin A1c in Type 2 Diabetes: A Retrospective Study

Taylor A Fie, Mary Voelmle; University of Virginia, Charlottesville, VA

Three Site Testing of Sexually Transmitted Infections in People Living with HIV in One Southeastern Ryan White HIV/AIDS Program Clinic: First Year of Experience

Maria Geba, MD, Samuel Powers, BA, Brooke Williams, BS, Kathryn R Dort, FNP, Elizabeth T. Rogawski McQuade, PhD, Kathleen A. McManus, MD

DOM UPDATES & NOTES

Carey Marshall Thorner Scholar's Day Poster Presentations (*continued*)

Virtual Poster Presentations

(The name of the primary author is **bolded**)

General Medicine (*continued*)

Reduced Adiponectin Levels in Patients with COVID-19 Acute Respiratory Failure: A Case-Control Study
Sean M. Kearns, MD; Katelyn W. Ahern, PhD; James T. Patrie, MSc; William B. Horton, MD, FACP; Thurl E. Harris, PhD; Alexandra Kadl, MD, MSc

HCV eConsult Pilot Survey
Harriet King

Impact of pharmacist-assisted medication review on the rate of medication errors in discharges to skilled nursing facilities

Levit A, Inofuentes A, McIlarky J, Chilmaid M, Dreicer J, Delk B, Lau G

Right ventricular to left ventricular internal diameter in diastole predicts right ventricular failure after left ventricular assist device implantation in patients with advanced heart failure.

Sawch DM, Bilchick KC, Ababio P, Mazimba S; University of Virginia, Charlottesville, VA

Bronchoscopy with Bronchoalveolar Lavage in Immune Checkpoint Inhibitor Induced Pneumonitis: Does it Change Management?

Anirudh Sundararaghavan, Robert C Wharton, Andrew J Barros, Elizabeth C Gaughan, Richard D Hall, Ryan D Gentzler, Jeffrey M Sturek; University of Virginia, Charlottesville, VA

Arthrocentesis procedure kit availability and impact on inpatient joint taps

Topilow, JS, Meindertsma, J; University of Virginia, Charlottesville, VA

Impact of Palliative Care Consultation on Readmission Rates for Patients with Metastatic Lung or Colon Cancer at the University of Virginia

Wood, S, Pierce, E, Melson, J, Abraham, R, Hanson, L.

Implementation of a Mentorship Program to Serve Person's Underrepresented in Medicine at the University of Virginia

E. Wynter, MD

Hematology and Oncology

Myeloid Cell Infiltration Correlates with Prognosis and Varies Based on Tumor Location in Cholangiocarcinoma

Sean C. Dougherty, Kevin Lynch, Rachel Whitehair, Max Meneveau, Joseph M. Obeid, Kevin Winters, Jennifer Ju, Edward B. Stelow, Todd W. Bauer, Paul R. Kunk, Craig L. Slingluff Jr and Osama E. Rahma

Infectious Disease and International Health

Adenosine Deaminase Negative Pleural Tuberculosis: A Case Report and Review

Zachary H. Boggs MD, Scott Heysell MD, MPH, Joshua Eby MD, Christopher Arnold MD

Usage of the mHealth Application PositiveLinks among Older People Living with HIV

Campbell BR, Shenoi S, Rosanova J, Dillingham R

DOM UPDATES & NOTES

Carey Marshall Thorner Scholar's Day Poster Presentations (*continued*)

Virtual Poster Presentations

(The name of the primary author is **bolded**)

Hematology and Oncology (*continued*)

IL-13 is a driver of COVID-19 severity

Alexandra N. Donlan, Tara E. Sutherland, Chelsea Marie, Saskia Preissner, Ben T. Bradley, Rebecca M. Carpenter, Jeffrey M. Sturek, Jennie Z. Ma, G. Brett Moreau, Jeffrey R. Donowitz, Gregory A. Buck, Myrna G. Serrano, Stacey L. Burgess, Mayuresh M. Abhyankar, Cameron Mura, Philip E. Bourne, Robert Preissner, Mary K. Young, Genevieve R. Lyons, Johanna J. Loomba, Sarah J Ratcliffe, Melinda D. Poulter, Amy J. Mathers, Anthony J. Day, Barbara J. Mann, Judith E. Allen, William A. Petri, Jr.

The MOCT II study: Implementation of a multi-organization mobile health technology-based program to expand access to patient-centered care and antiretroviral therapy for people living with HIV with or without tuberculosis in Irkutsk, Siberia

Hodges, Jacqueline, Koshkina, Olga, Plenskey, Alexey, Suzdalnitsky, Alexey, Waldman, Ava Lena, Zhdanova, Svetlana, Schwendinger, Jason, Vitko, Serhiy, Plotnikova, Yulia, Moiseeva, Elena; Koshcheyev, Mikhail, Sebekin, Sergey, Ogarkov, Oleg, Heysell, Scott, Dillingham, Rebecca

*Assessing Environmental Surfaces for Contamination with *P. aeruginosa* in an Intensive Care Unit: A Pilot Study*

Park S, Barry K, Parikh H, Carroll J, Attai A, Mathers A.

Characterizing Use of Follow-Up Blood Cultures (FUBC) in the Management of Gram- Negative Bacilli (GNB) Bloodstream Infections (BSIs)

Evan Robinson, Heather Cox, Amy Mathers; University of Virginia, Charlottesville, VA

Nephrology & CIIR

*MHC-linked *Cmv5s* is Associated with Severe Inflammation, Tissue Necrosis, and Acute Viral Susceptibility Independent of MHC-I Molecule H-2D*

Annis JL, Crittenden RB, Cronk JM, Billcheck HO, Brown MG; University of Virginia, Charlottesville

*Localization of Spinster Homolog 2 (*Spns2*) in Mouse Kidneys and Significance in Kidney Injury*

Sylvia Cechova, Nabin Poudel, Nataliya Skrypnyk and Mark D. Okusa

CRISPR Ablation of Activation Receptors in Primary NK Cells to Delineate Necessity during Acute Viral Infection

Cronk JM, Crittenden RB, Brown MG; University of Virginia

Programmed Cell Death Protein 1 (PD-1) Controls Metabolic Activity of Regulatory T Cells in Ischemia-Induced Acute Kidney Injury

Murat Dogan, Vikram Sabapathy, Rajkumar Venkatadri, Chris O'Neill, Sandhya Xavier, Didier Portilla, Gilbert R. Kinsey, Rahul Sharma

Evaluation of the impact of Delayed Graft Function (DGF) on Kidney Allograft Outcomes

Joseph Leeds, Badi Rawashdeh, Michael Sestito, Binu Sharma, Jeanne Kamal, Anjushree Kumar, Alden Doyle, Avinash Agarwal, Swati Rao.

Vagus Nerve Stimulation Reshapes the Immune System

Nash WT, Tanaka S, Okusa MD

DOM UPDATES & NOTES

Carey Marshall Thorner Scholar's Day Poster Presentations (*continued*)

Virtual Poster Presentations

(The name of the primary author is **bolded**)

Nephrology & CIIR (*continued*)

Pannexin 1 Channel Regulates Mitochondrial Function and Ferroptosis During Acute Kidney Injury
Nabin Poudel, Eibhleen Goggins, Nataliya Skrypnyk, Christopher B. Medina, Diane L. Rosin, Kodi S. Ravichandran, Mark D. Okusa

IL-33/ST2 Alarmin Axis Regulates the Diametrical Effect of Myeloid Cells in Acute and Chronic Kidney Injury
Vikram Sabapathy, Gabrielle Costlow, Rajkumar Venkatadri, Nardos Cheru, Airi Price, Murat Dorgan, Saleh Mohammad, Rahul Sharma

Optogenetic stimulation of the Vagus Nerve Identifies Distinct Pathways that Mediate Kidney Protection from Ischemia-Reperfusion Injury
Shinji Tanaka, Shuqiu Zheng, Stephen B. Abbott, Daniel S. Stornetta, Diane L. Rosin, Ruth L. Stornetta, Patrice G. Guyenet, Mark D. Okusa

Targeting Interferon Stimulatory DNA (ISD) Pathways and Bcl6 Transcription Factor Rescues TREX1 D18N Animals from Autoimmunity
Rajkumar Venkatadri, Vikram Sabapathy, Murat Dogan, Saleh Mohammad, Scott Harvey, Fred W. Perrino and Rahul Sharma

Pulmonary Medicine & Critical Care

Patients with Sarcoidosis Associated Pulmonary Fibrosis Do Not Receive Early Immune Suppression In Comparison to Peers without Fibrosis
J. O. Akingbade, J. P. Alsobrooks, S. Kearns, T. Altherr, K. Brown-Steinke, T. Paul, N. Malik, I. Noth, C. Bonham

Phenobarbital vs. Benzodiazepines in ICU Patients with Severe Alcohol Withdrawal Syndrome.
Burke, A, Hedrick, A, Hockman, B.

Effect of Gender on the Treatment Responses to Rapamycin on the Progression of Emphysema in Cigarette Smoke Exposed Mice
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Probing Early-Stage Pulmonary Pathophysiology in Young Healthy E-Cigarette Users Using Hyperpolarized Xenon-129 MRI
M. He, K. Qing, N. Tustison, L. A. Myc, J. MacLeod, R. Nunoo-Asare, J. Cassani, M. Marie, Z. Zhang, A. Ropp, G. W. Miller, T. A. Altes, J. Mata, J. Mugler, Y. M. Shim

Impact of Streamlined ED Rabies Protocol on Departmental Workflow and Vaccine Schedule Adherence
Jessie L Lipstreuer, Derek Burden, J Nate Hedrick

Evaluating In Vivo Biomolecular Outcomes of Tacrolimus Immunosuppression in Lung Transplantation
MacLeod J, He M, Earasi K, Zhang K, Floyd S, Czarnecki M, Struchen S, Herrera R, Nunoo-Asare R, Burdick M, Mannem H, Weder M, Shim YM

Differential Gene Expression and Pathway Enrichment May Explain Female Resistance to Emphysema in Murine Models of COPD.
Chunzi Song, Zaid Obaida, Kranthikiran Earasi, Zhimin Zhang, Jamie MacLeod, Mu He, Schroeder Noble, Mikell Paige, Marie Burdick, Yun Shim